(REV.7-80)

EXPRESS MAIL NO. EV336594984US Sheet <u>1</u> of <u>6</u>

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

# INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)

David Adams et al.

FILING DATE GROUP ART UNIT

June 21, 2001 2683

2 11	DA7	TENT	DOCT	MENTS
U.D.	11.74		$\mathbf{D}$	145 141 141

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
man	AA	5,481,588	01/02/96	Rickli et al.	379	32	
Min	AB	5,490,204	02/06/96	Gulledge	379	59	
Man	AC	5,615.225 .	03/25/97	Foster et al.	379	29	المالية المالية
Men	AD	5,706,333	01/06/98	Grenning et al.	379	59 -	,
mai	AE	5,768,689	06/16/98	Borg	455	67.4	
na	AF	5,835,564	11/10/98	Chang et al.	379	1	
Mar	AG	5,903,633	05/11/99	Lorsch	379	114	
mau	AH	5,930,707	07/27/99	Vambaris et al.	455	424	
ma	Al	5,931,907	08/03/99	Davies et al.	709	218	
Man	Ą	5,933,776	08/03/99	Kirkpatrick	455	423	
nen	AK	5,987,306	11/16/99	Nilsen et al.	455	67.1	

#### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER .	DATE	COUNTRY	TRANS	LATION
		DOCOMENT NOMBER	DATE	COUNTRY	YES	NO
man	AL	WO 98/58509	12/23/98	WIPO	,	
neu	АМ	WO 99/25140	05/20/99	WIPO		
na	AN	WO 99/27721	06/03/99	WIPO		-

### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

mu	AO	"What is a Type-56 Responder/Type-105 Test Line?" Sage Instruments, Freedom, CA.
ma	AP	"356EC Cellular Responder," Sage Instruments, Freedom, CA, 1991.
~~~	AQ	"356 TMK Cellular Responder," Sage Instruments, Freedom, CA, 1991.

EXAMINER

DATE CONSIDERED

branch in through citation if not i

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

434953

CUTY 2 4 2003 \$

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. APPLICATION NO. 191115.407C2 09/885,002

APPLICANTS

David Adams et al.

FILING DATE
June 21, 2001

GROUP ART UNIT 2683

## U.S. PATENT DOCUMENTS

*EXAMINER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
INITIAL		DOCUMENT NOISER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
Mar	ВА	6,055,425	04/25/00	Sinivaara	455	431 -	
nen	BB.	6,118,982	09/12/00	Ghisler et al.	455	67.4 R	ECEIM
mai	BC.	6,230,002	05/08/01	Floden et al.	<u>.455</u>	411	JEC U 2:201
men	BD	6,230,006	05/08/01	Keenan et al.	455		lology Cente
nen	BE	6,233,448	05/15/01	Alperovich et al.	455	417	- Joseph Conto
won	BF	6,234,810	05/22/01	Schnell et al.	439	76.1	
mar	BG	6,234,844	05/22/01	Somerville et al.	439	630	
na	вн	6,236,853	05/22/01	Mee et al.	455	414	
ma	BI	6,240,301	05/29/01	Phillips	455	550	
Mar	ВЈ	6,244,553	06/12/01	Wang	248	278.1	
nu	вк	6,244,911	06/12/01	Heim	439	862 -	
mar	BL	6,249,276	06/19/01	Ohno	345	173	
Mau	вм	6,253,073	06/26/01	Cooper	455	411	

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER DATE COUNTRY	TRANSI	ATION		
		DOGGNES NONE DAY		YES	NO
	BN				

### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

mer	во	"Specifications: 930A Communications Test Set," Sage Instruments, Freedom, CA, 1990.
mea	ВР	"CellSTAR Automated Transmission Test System," Sage Instruments, Freedom, CA.
neu	BQ	"CellSTAR," Sage Instruments, Freedom, CA, 1992.
ma	BR	"CellSTAR System Worksheet," Sage Instruments, Freedom, CA, 1992.

EXAMINER DATE CONSIDERED

Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in

10

conformance and not considered. Include copy of this form with next communication to applicant(s).

434953

\* EXAMINER:

CON 2 4 2003 FORM P1 3449

(REV.7-80)

*ोगाः* स्वास्त्रस्

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO. 191115.407C2

APPLICATION NO. 09/885,002

· APPLICANTS

David Adams et al.

FILING DATE
June 21, 2001

GROUP ART UNIT 2683

U.S. PATENT DOCUMENTS

	_	0.8	PATENT DUCUMENTS				1
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	1
СА	6,259,921	07/10/01	Totaro et al.	455	445		}
СВ	6,259,929	07/10/01	Kuisma	455	550	ECEIV	F
СС	6,261,128,	<sub>5</sub> 07/17/01	Heim et al.	439 -2	630	) <u>C. U. 2. 2</u> 01	] J3:
CD	6,264,506	07/24/01	Yasufuku et al.	439	638Techi	Ology Cente	};
CE	6,266,527	07/24/01	Mintz	455	423	0,	}
CF	6,272,450	08/07/01	Hill et al.	703	13		}
CG	6,278,706	08/21/01	Gibbs et al.	370	352		$\frac{1}{2}$
СН∙	6,278,886	08/21/01	Hwang	455	566		+
CI	6,282,182	08/28/01	Pecen et al.	370	336		}
Cı	6,282,491	08/28/01	Bochmann et al.	701	209		}
СК	6,283,376	09/04/01	Schuder et al.	235	486 -		}
CL	6,285,869	09/04/01	Shannon et al.	455	411		}
		FOREI	GN PATENT DOCUMENTS				
	DOCUMENT NUMBER	DATE	COUNTRY			TRANSLATION	Ī
	CB CC CD CE CF CG CH CI CI CX	CA 6,259,921  CB 6,259,929  CC 6,261,128  CD 6,264,506  CE 6,266,527  CF 6,272,450  CG 6,278,706  CH 6,278,886  CI 6,282,182  CJ 6,282,491  CK 6,283,376  CL 6,285,869	CA 6,259,921 07/10/01 CB 6,259,929 07/10/01 CC 6,261,128 07/17/01 CD 6,264,506 07/24/01 CE 6,266,527 07/24/01 CF 6,272,450 08/07/01 CG 6,278,706 08/21/01 CH 6,278,886 08/21/01 CI 6,282,182 08/28/01 CJ 6,282,491 08/28/01 CK 6,283,376 09/04/01 CL 6,285,869 09/04/01 FOREI	CA 6,259,921 07/10/01 Totaro et al.  CB 6,259,929 07/10/01 Kuisma  CC 6,261,128 07/17/01 Heim et al.  CD 6,264,506 07/24/01 Yasufuku et al.  CE 6,266,527 07/24/01 Mintz  CF 6,272,450 08/07/01 Hill et al.  CG 6,278,706 08/21/01 Gibbs et al.  CH 6,278,886 08/21/01 Hwang  CI 6,282,182 08/28/01 Pecen et al.  CJ 6,282,491 08/28/01 Bochmann et al.  CK 6,283,376 09/04/01 Schuder et al.  CL 6,285,869 09/04/01 Shannon et al.  FOREIGN PATENT DOCUMENTS	CA         6,259,921         07/10/01         Totaro et al.         455           CB         6,259,929         07/10/01         Kuisma         455           CC         6,261,128         07/17/01         Heim et al.         439           CD         6,264,506         07/24/01         Yasufuku et al.         439           CE         6,266,527         07/24/01         Mintz         455           CF         6,272,450         08/07/01         Hill et al.         703           CG         6,278,706         08/21/01         Gibbs et al.         370           CH         6,278,886         08/21/01         Hwang         455           CI         6,282,182         08/28/01         Pecen et al.         370           CJ         6,282,491         08/28/01         Bochmann et al.         701           CK         6,283,376         09/04/01         Schuder et al.         235           CL         6,285,869         09/04/01         Shannon et al.         455	DOCUMENT NUMBER         DATE         NAME         CLASS         SUBCLASS           CA         6,259,921         07/10/01         Totaro et al.         455         445           CB         6,259,929         07/10/01         Kuisma         455         550           CC         6,261,128         07/17/01         Heim et al.         439         2 630           CD         6,264,506         07/24/01         Yasufuku et al.         439         638Techi           CE         6,266,527         07/24/01         Mintz         455         423           CF         6,272,450         08/07/01         Hill et al.         703         13           CG         6,278,706         08/21/01         Gibbs et al.         370         352           CH         6,278,886         08/21/01         Hwang         455         566           CI         6,282,182         08/28/01         Pecen et al.         370         336         336           CJ         6,282,491         08/28/01         Bochmann et al.         701         209           CK         6,283,376         09/04/01         Schuder et al.         235         486           CL         6,285,869         09/04/01	DOCUMENT NUMBER   DATE   NAME   CLASS   SUBCLASS   FILING DATE   FAPPROPRIATE

		DOCUMENT NUMBER DATE COUNTRY	COUNTRY	TRANSI	LATION	
<del></del>				COUNTY	YES	NO
	СМ					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

mai	CN	"Revenue Assurance Products," Network Performance Improvement Products, Comarco Wireless Technologies, http://www.comarco.com/html/revenue_assurance_series.htm, accessed August 10, 1998.
mai	со	"Automated Remote Origination Network Test System," IC Engineering, Inc., Owings Mills, MD, November, 1991.
mai	СР	"Model RTS-1 Remote Access/Loopback Terminal Set Instructions," Metro Tel, Practise 56-0018, Issue 2, September 1991.
nen	cQ	Huffman, M., "Cut Travel Time For Translations," Telephone Employees & Management, pages 72-73, March 1, 1992.

EXAMINER

C

DATE CONSIDERED 12/10/03

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

### EXPRESS MAIL NO. EV336594984US Sheet 4 of 6

FORM PTO (REV.7-80) INFORMATION DISCLOSURE STATEMENT

U.S. DEPARTMENT OF COMMERCE PATENT, AND TRADEMARK OFFICE

(Use several sheets if necessary)

ATTY. DOCKET NO. 191115.407C2

APPLICATION NO. 09/885,002

**APPLICANTS** 

David Adams et al.

FILING DATE June 21, 2001

GROUP ART UNIT 2683

### **U.S. PATENT DOCUMENTS**

	*EXAMINER				<del>γ</del>				
	INITIAL	<u> </u>	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	mar	DA	6,292,666	09/18/01	Siddiqui et al.	455	456		_
	men	DB	6,292,668	09/18/01	Alanara et al.	455	466 RE	CEIV	ΞD
CONTRACTOR	man	,DC.		09/25/01.	Havinis et al.	1455	456 D	<u> </u>	}
·	Mau	DD	6,298,247	10/02/01	Alperovich et al.	455	558 echri	ology Center	2600
	men	DE	6,301,475	10/09/01	Saarela et al.	455	426		2000
	ma	DF	6,305,960	10/23/01	Fan	439	188		-
	ner	DG	6,307,934	10/23/01	Möster et al.	379	438		_
	mar	DH	6,308,069	10/23/01	Freitag et al.	455	435		•
	ma	DI	6,308,070	10/23/01	Laster	455	445		_
	men	DJ	6,308,317	10/23/01	Wilkinson et al.	717	5		_
	ma	DK	6,311,054	10/30/01	Korpela	455	406 =		
	pren	DL	6,311,055	10/30/01	Boltz	455	414		_

#### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSI	LATION
 -				YES	NO
DM		,			

#### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		the state of the s
ma	DN	"TMS Product Catalog," Metro Tel, Hicksville, NY, September 1991.
mai	DO	"Remote Test Set: Instruction Manual - Model RTS-1," Metro Tel Corp., Hicksville, NY.
nou	DP	"ARONTS Presentation Outline," Metro Tel Sales Presentation, 1991.
men	DQ	"Remote Loopback Test Set Model RTS-1," Metro Tel Corp., Hicksville, NY, April 1988.

**EXAMINER** 

DATE CONSIDERED 10/04

Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in \* EXAMINER: conformance and not considered. Include copy of this form with next communication to applicant(s).

434953



EXPRESS MAIL NO. EV336594984US Sheet 5 of 6

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE. ATTY. DOCKET NO. 191115.407C2 APPLICANTS

APPLICATION NO.

09/885,002 [

# INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

David Adams et al. FILING DATE GROUP ART UNIT UE C V 2 2000 June 21, 2001 2683

	FILING	SUBCLASS	CLASS	NAME	DATE	OCUMENT NUMBER	D	AMINER
RIATE	IF APPRO						$\dashv$	NITIAL \
		427	455		1/06/01 Josh		·   -	cen
		737	361		1/20/01 Tak			
<u> </u>	ing die	466	.370	the second security.	1/20/01 Nev	320,873	c 6,	ren.
		411	455	·	1/20/01 Coo	321,079 1	D 6,	a
		431	455	Horrer		321,084 1	E 6,	ici
		445	455	al.	1/27/01 Wai	324,402 1	F 6,	rai
		567	455		1/27/01 Aler	324,412 1	G 6,	a
		52.1	174		2/04/01 Lam	326,543 1	н 6,	cu
		737	361	al.	2/04/01 Rau	327,153	ı 6,	cu
		492	235		2/25/01 Ritte	5,332,579 12/		en
		411	455		2/25/01 Nore	6,334,052		a
		737	361		01/22/02 Torl	341,069 0	L 6,	m
				T DOCUMENTS	FOREIGN P			·
NO	TRANSL			COUNTRY	DATE	DOCUMENT NUMBER		
110	120	· .			•	м		
			Can i	Author, Title, Date, Pertinent Pag	DDIAD ART A	OTHER		———— <u>—</u>
	<del></del>	NY 199		<del></del>		T	N	rei
"Remote Access & Test Set Model RTS-1," Metro Tel Corp., Jericho, NY, 1992.  "Telephone Network Test System," Metro Tel Corp., Hicksville, NY.								
			-		······································	<del> </del>	<u> </u>	
U.S. Patent Application No. 10/194,937, filed July 11, 2002.								nai
				117, filed July 11, 2002	<u> </u>	· · · · · · · · · · · · · · · · · · ·	Q	ray
			Σ.	938, filed July 11, 2002	plication No. 10	U.S. Patent App	R	
			,	DATE CONSIDERED				AMINE

conformance and not considered. Include copy of this form with next communication to applicant(s).

434953

12. jag (g)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. A

191115:407C2 0

APPLICATION NO.

(REV.7-80)	<b>*</b>	PAT	ENT AND TRADEA	AARK OFFICE 🐆	-191115:407C2	09/8	885,002			
`	A DE	COMMIN CO.			APPLICANTS HECET				D	
	IN	FORMATION DISCLOSURE		l	David Adams et al.					]
		(Use several sheets if nee	essary)		FILING DATE	GRO	UP ART UNDE	C U 2	2003	
1,0					June 21, 2001	268	3			4
	<del></del>	<del>,</del>	U.S.	PATENT I	DOCUMENTS	<b>.</b>	Technolo			<i>600</i>
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	<u> </u>	NAME	CLASS	SUBCLASS	FILING IF APPRO	G DATE OPRIATE	_
mai	FA	6,341,220	01/22/02	Hurme	<u> </u>	455	410		<del></del>	
Non	FB	6,341,228	01/22/02	Hubbe et a	al.	455	566			
<u>. Mur</u>	FC v	6,343,945	.02/05/02,	Liikanen	S. A. C. W. Charles C. March	439 - 46-	.1 <u>60, 61 75</u>		ARES IT THE	and considered
man	FD	6,349,204	02/19/02	Goetz et a		455	419			
ma	FE	6,353,737	03/05/02	Herzog		455	418			<u></u>
man	FF	6,375,073	04/23/02	Aebi et al.		235	379			}
man	FG	6,384,789	05/07/02	Hofmann		343	702			}
mar	FH	6,385,300	05/07/02	Mohamma	adian et al.	379	21 -			<u> </u>
mai	FI	6,430,410	08/06/02	Staber		455	423 –			}
man	FJ	6,456,859	09/24/02	Desblancs	et al.	455	558			]
men	FK	6,542,738	04/01/03	Keenan et	al.	455	424			
<u>-</u>			FOREI	GN PATEN	T DOCUMENTS					
		DOCUMENT NUMBER	DATE		COUNTRY		TRANSL	LATION	•	
	FL							1		
	FM		·							
	FN				· · · · · · · · · · · · · · · · · · ·					
	FO					<del>d</del>				
		OTHE	P PRIOR A	DT Analydina	Author, Title, Date, Pertinent Pag	E4- )		i		
ma	FP				450, filed July 11, 2002			<del>.</del>		
man		<del></del>			430, filed July 11, 2002			•		
nen	FQ	<del></del>	<u> </u>		440, filed July 11, 2002 440, filed July 11, 2002	· · · · · · · · · · · · · · · · · · ·				
EXAMINE	FR D	U.S. Fatch A				<del></del>				l
EXAMINE	<u>~</u>	$M$ . $\subseteq$	,•		DATE CONSIDERED	- •			}	i
* EXAMINE	. D . 1	Initialis meaning consider		L	17/10/0	<u> </u>	10 10 11			i
DAMININE		conformance and not consi	dered. Include cor	or this form w	rith next communication to application	ine through cit ant(s).	tation it not in		J	i
434953								Date	: 11/24/03	

" 3 0 .On	יי דָ							Sheet _	_ of _	
FORM PTO-144	ريخ و	<i>(1)</i>			ATTY. DOCKET NO.		PLICATION NO.			]
(REV.7-80)	<i>A</i>	PAT	ENT AND TRADE	MARK OFFICE	191115.407C2	09	/885,002		+	
Co Marie	<i>"</i>			* 54°	APPLICANTS					
	IN	FORMATION DISCLOSURE		,	David Adams et al.					
		(Use several sheets if no	essary)		FILING DATE		OUP ART UNIT			
	-	•	···	<del></del>	June 21, 2001		583			ļ
			U.S	. PATENT	DOCUMENTS					
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS SUBCLASS		FILING DATE IF APPROPRIATE		
mu	АА	5,875,398	02/23/99	Snapp		455	424			<del> </del>
	AB	·								
	AC									
ANT SEE ASSOCIATION	אוץ	grandfredi Liniana	Carriers dermanish Lineau (2.12)	د د مارستان بالاستان الموادي المستواد	er e (1. a sekle <del>an</del>	myse didi.	ene language en broken met	Carrier and	المعادرة المعادرة	Activity of the first of
	AE						RECE	IVE	ED_	
	AF						1111 2	3 2004	1	
	AG						JUL 2 Technology	Conto	<del>- 2600</del>	
	АH						echnology	Cente		
	Αĭ									
	AJ									
		,	FORE	IGN PATE	NT DOCUMENTS					
		DOCUMENT NUMBER	DATE		COUNTRY			TRANS	LATION NO	
	AK						<u></u>			
	AL									
	AM									
	AN									
-	AO									
		ОТНЕ	R PRIOR A	RT (Including	Author, Title, Date, Pertinent Pa	ges, Etc.)				
	АР		· · · · · · · · · · · · · · · · · · ·							
	ΛQ									
	AR		· · · · · · · · · · · · · · · · · · ·							
EXAMIN		M /			DATE CONSIDERED	7/12/	104			
* F37 (3 45 -		V - C			•		<del>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ </del>	<u>·</u>		
* EXAMIN	ER:	Initial if reference consider	red, whether or no	t criteria is in co	nformance with MPEP 609. Draw	ine through	citation if not in	<u>·</u>		

. C:WrPortbl\iManageUASONA\500665\_1.DOC

Date: 07/20/04